

WORKING WITH THE RGFO 2018

(OIL AND GAS)

(NEW REQUIREMENTS ARE HIGHLIGHTED IN YELLOW)

Fieldwork Authorizations ("FWAs")

In order to avoid unanticipated time and cost to the operators, the BLM archaeology staff, as well as the BLM oil and gas staff, must receive compatible shapefiles at the time that the FWA is requested. Archaeological contractors are encouraged to communicate this requirement to any operator seeking their services. The BLM oil and gas staff must receive the shapefiles from the operator (rather than from the archaeological contractor).

The shapefiles sent from the archaeological contractors to the BLM archaeological staff must include both the proposed infrastructure locations (infrastructure includes well pads, road, pipelines and associated facilities) and the proposed buffers. If the archaeological inventory results in a need to relocate infrastructure, the archaeological contractor must contact the BLM to determine whether any additional inventory is necessary. These steps will streamline the process from FWA through completion of the NEPA document, and will prevent the need for additional inventory, documentation and SHPO consultation at the last minute.

Please e-mail us a PDF containing the completed FWA application form and map of the proposed inventory area, along with shapefiles in NAD 83, Zone 13. Without shapefiles to both staffs from the appropriate source, we can no longer guarantee the completion of the FWA process on the same day that the FWA request is received.

All infrastructure must be inventoried, including well pads, roads, pipelines and other facilities. For linear infrastructure, inventory buffers should be at least 50' on both sides of the centerline.

Well pad and facilities inventory is on a sliding scale, and is based on the shape of the disturbance area. The inventory buffer must be centered over the area of disturbance, regardless of land status. **PLEASE ADVISE OPERATORS THAT THE BUFFERS MUST BE ADEQUATE TO COVER THE PADS AND ASSOCIATED FACILITIES AND INFRASTRUCTURE ULTIMATELY SUBMITTED IN THE APD, OR RE-INVENTORY WILL BE NECESSARY.**

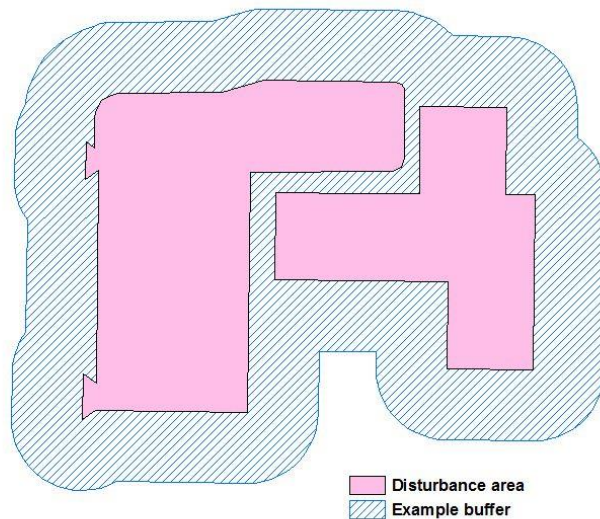
The SHPO requires that potential visual impacts to historic properties must also be included in the APE. If possible, this requirement should be taken into account at the time of the FWA request. If not, the APE should be adjusted during the fieldwork if necessary and the change reported in the documentation. BLM archaeological staff will provide guidance as necessary.

Square area of disturbance buffer requirements:

- 5 acres or less = 10 acre inventory
- 5+ - 10 acres = 20 acre inventory
- 10+ = 40 acre inventory

Non-square (round, rectangular, multi-sided polygon or glob, etc.) area of disturbance buffer requirement:

- The main disturbance area, whether “temporary” or “permanent”, plus a 50 m’ (164’) buffer echoing the shape of the disturbance area:



Block surveys are encouraged.

Permittees may not place physical datum markers on sites. If this occurs, the permittee will be required to return to the field and retrieve them.

Pre-Field Literature Reviews

There is no need to visit the office. RGFO and SHPO have much of the same information, which can be accessed in the Compass database. However, the SHPO is currently behind in updating Compass, so please let us know if you notice missing data.

Reporting and Finalizing

The Colorado SHPO Limited Results Cultural Resources Survey Form may be used for reports of negative inventories, or inventories during which four or fewer isolated finds were recorded.

Permittees must strictly adhere to Colorado permit stipulations regarding reporting. Final reports must be submitted to the BLM, **not** to the operator.

Draft documents must be in Word format and final documents must be in PDF format and compiled (not submitted in sections). Please do not include blank pages in the PDF. **PLEASE DO NOT LOCK PDF FILES** (make them read only). If we need to make a slight change or add the final letter to the report, we will not be able to do so.

Be sure any filenames that will be in a zipped file are short. The microsoft unzip program doesn't like long names and won't work.

Please add the following discussions to your report:

1. Direct, indirect and cumulative impacts of the undertaking.
2. A section discussing your recommended determination of effect. **Remember: the DOE applies to the undertaking as a whole, not to individual sites [36 CFR 800.4 (d)(D)(2)].**

Before finalizing reports, send us shapefiles of inventory areas and any sites found. Electronic requirements are described in detail in the Digital Specification Handbook, and must be followed, **except for the attribute tables. Please use the RGFO format, which we will supply via email. Details are attached.** Please use short, stable filenames and **DO NOT PLACE COMPRESSED ("ZIPPED") FILES IN ANOTHER COMPRESSED FILE.**

Do not include pages labeled "this page intentionally left blank". ALL DOCUMENTS MUST BE DOUBLE-SIDED AND UNBOUND, BUT MAY BE STAPLED.

After we receive acceptable shapefiles, BLM will request a SHPO document number. After the SHPO assigns the number (usually the same or next day), we send it and our report number back to you to incorporate into your reports.

When the reports are complete, send us final PDF files of reports and of any site forms. Also mail us two hard copies. We will e-mail you a scanned copy of our letter to the SHPO after it has been signed.

The RGFO no longer accepts CDs with site or GIS information. The data must be transferred via a direct, dedicated link to a secure cloud service, such as an FTP site.

Curation

The Royal Gorge Regional Museum and Local History Center, in Cañon City, is now able to accept BLM collections from RGFO compliance projects. Please contact Lisa Studts at (719) 269-9036 to set up a curation agreement.

In general, we ask that you collect diagnostics or unusual artifacts from BLM land. However, the policy might vary depending on the undertaking, so please contact the office if you are unsure.

ATTRIBUTE TABLE FIELD EXPLANATIONS

SITE ATTRIBUTE TABLE

Attribute	Type	Definition
ID	Integer	Unique sequential numeric ID for a given spatial feature. (LEAVE BLANK)
SITE_	Text	Smithsonian site number in SHPO format (ex 5ME.4000 or 5GF.342).
SITE_NAME	Text	Name of resource, if any.
AGENCY_	Text	Any project number unique to the agency responsible for the document (BLM Numbers).
SHPO_ID	Text	Unique SHPO number referring to a specific report document.
DATE	Date	Date site was digitized in GIS.
ACRES	Double	Acreage of the site calculated by the GIS from the spatial features in the data set. (Should match site form information)
SITE_TYPE	Text	General temporal affiliation. Use: [Historic / Prehistoric / Multicomponent / Protohistoric / Unknown]
SITE_DESC	Text	Brief description of resource (use standard terminology where possible)
LINEAR	Integer	Enter 1 or 0. A "1" denotes that the site is a linear site. A "0", the default, is used for all non-linear sites.
ELIGIBILITY	Text	Resource eligibility for the NRHP. Use: [Eligible / Not Eligible / Needs Data / Supporting / Non-Supporting / Contributing / Non-Contributing]
ZONE	Integer	This is the UTM zone in which the site is located.
X	Double	The X coordinate in UTM meters of the center point of the site (can be automatically calculated by GIS but must match with info on site form)
Y	Double	The Y coordinate in UTM meters of the center point of the site (can be automatically calculated by GIS but must match with info on site form)
COMMENTS	Text	Any additional information not captured elsewhere.
SOURCE	Text	Source of the data. (consultant's firm or company name)
BND_CMPLT	Text	Boundary completeness. Refers to the completeness of the site boundary. Values for this field will either be Y (YES the boundary is complete) or N (NO the boundary of the site is not complete or unknown) or 9 if the completeness of the site boundary has not been checked.
CONF	Text	Confidence given to the spatial accuracy of the digitized feature. Values for this attribute consist of LC (Low Confidence – ex: digitizing from hand drawn maps, or not field checked), HC (High Confidence – collected via GPS units in the field) or P (Paleontological).
VER	Text	(LEAVE BLANK for OAHP use)
AREA	Double	Area of the spatial features in the data set (Calculate via GIS)
PERIMETER	Double	Perimeter of spatial features in the data set. (Calculate via GIS)

**SURVEY ATTRIBUTE
TABLE**

Attribute	Type	Definition
ID	Integer	Unique sequential numeric ID for a given spatial feature. (LEAVE BLANK)
DOC_	Text	Unique SHPO number referring to a specific report document.
AGENCY_	Text	Any project number unique to the agency responsible for the document (BLM Numbers).
TITLE	Text	Report title (given by BLM).
AUTHOR	Text	Primary report author.
DATE	Date	Date the shapefile was created.
ACRES	Double	Acreage of the survey area calculated by the GIS from the spatial features in the data set
SURV_TYPE	Text	Inventory strategy / survey type Use: [INTENSIVE / RECONNAISSANCE / PALEONTOLOGICAL / UNSPECIFIED]
SITE_COUNT	Integer	The total number of sites recorded during the inventory.
IF_COUNT	Integer	The total number of isolated finds recorded during the inventory.
EL_COUNT	Integer	The total number of eligible sites recorded during the inventory (a subset of SITE_COUNT).
ZONE	Integer	UTM Zone the survey is located in. If a survey crosses two zones, digitize it in the zone in which the most land is covered.
X	Double	The X coordinate in UTM meters of the center point of the survey.
Y	Double	The Y coordinate in UTM meters of the center point of the survey.
COMMENTS	Text	Any additional information not captured elsewhere.
SOURCE	Text	Source of the data if received from an external source. (Consultant Firm or Company Name)
CONF	Text	Confidence given to the spatial accuracy of the digitized feature. Values for this attribute consist of LC (Low Confidence – ex: digitizing from hand drawn maps, or not field checked), HC (High Confidence – collected via GPS units in the field) or P (Paleontological).
VER	Text	(LEAVE BLANK FOR OAHP use)
AREA	Double	Area of the spatial features in the data set
PERIMETER	Double	Perimeter of spatial features in the data set